

**INFORMATION DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO-1449)  
(Substitute)**

Docket No.: 442-007078-US (CO4)

Serial No.:

Applicant(s): Arto Lehtonen et al.

Filing Date: herewith

Group: 2744

**U.S. PATENTS**

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
J. G ↓	5,687,216	5/13/96	Svensson	455	412	
	5,577,103	3/10/95	Foti	455	435	
	5,742,905	9/19/94	Pepe et al.	455	445	
	5,692,032	11/27/95	Seppanen et al.	455	466	
	5,544,164	11/8/94	Baran	370	352	
	5,655,215	6/7/95	Diachina et al.	455	466	
	5,628,051	1/10/94	Salin	455	466	
	5,351,235	2/11/92	Lahtinen	455	560	
	5,666,364	3/1/96	Pierce et al.	455	466	
	5,600,312	3/9/95	Willard et al.	455	518	
	5,719,918	7/6/95	Serbetcioglu et al.	455	466	

**FOREIGN PATENT DOCUMENTS**

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a

**OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)**


Examiner's Signature: *Yoon Allmond Gelin*Date Considered: *8/27/99*

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.

Include a copy of this citation form with your next correspondence to the Applicant(s).

**INFORMATION DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO-1449)  
(Substitute)**

Docket No.: 442-007078-US (CO4)

Serial No.:

Applicant(s): Arto Lehtonen et al.

Filing Date: herewith

Group: 2744

**U.S. PATENTS**

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
J.G. ↓ ✓	5,335,276	08/02/94	Thompson et al.	380	21	12/16/92
	5,422,656	06/06/95	Allard et al.	345	173	11/01/93
	5,794,142	08/11/98	Vanttila et al.	455	419	1/29/96
	5,809,115	09/15/98	Inkinen	379	93.05	12/31/96

**FOREIGN PATENT DOCUMENTS**

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a
J.G. ↓ ✓	WO 95/34998	12/21/95	PCT	Tsakanikas	n/a
	WO 97/01940	1/16/97	PCT	Philips Norden AB	n/a
	WO 95/12934	5/11/95	PCT	Telefonaktiebolaget LM Ericsson	n/a
	WO 94/23394	10/13/94	PCT	Motorola, Inc.	n/a

**OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)**

J.G.	Global System for Mobile Communications (GSM) documents: TS GSM 02.04, TS GSM
J.G.	02.30, TS GSM 02.90, TS GSM 03.38, TS GSM 03.40
J.G.	"Telecommunication Networks: Protocols, Modeling and Analysis", Mischa Schwartz,
	Addison-Wesley, ISBN 0-201-16423-X, pgs. 12-19

Examiner's Signature: *John Pelland Gelin*

Date Considered: 8/27/99

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.

Include a copy of this citation form with your next correspondence to the Applicant(s).